$s_1(t)$ $x_1(t)$ $y_1(t)$

$s_2(t)$ $x_2(t)$ $y_2(t)$

$s_n(t)$ $x_n(t)$ $y_n(t)$

signal missing   signal separation
$x(t) = As(t)$ $y(t) = Wx(t)$

Figure 1: Figure test

```
\usepackage{pstricks-add}

\newcommand{\mybox}[1]{\pscirclebox[linecolor=gray,shadowcolor=lightgray]{\ensuremath{#1}}}

\begin{document}

\begin{figure}
\centering
%\hspace{1.5cm}
\begin{psmatrix}[mnode=r,colsep=1.8,rowsep=0.4]
[name=s1] \mybox{s_1(t)} & [name=x1] \mybox{x_1(t)} & [name=y1] \mybox{y_1(t)}\\[0pt]
[name=s2] \mybox{s_2(t)} & [name=x2] \mybox{x_2(t)} & [name=y2] \mybox{y_2(t)}\\[40pt]
[name=sn] \mybox{s_n(t)} & [name=xn] \mybox{x_n(t)} & [name=yn] \mybox{y_n(t)}\\[-5pt]
[name=SN]                & [name=XN]                & [name=YN]

\ncline{->}{s1}{x1}     \ncline{->}{s1}{x2}     \ncline{->}{s1}{xn}
\ncline{->}{s2}{x1}     \ncline{->}{s2}{x2}     \ncline{->}{s2}{xn}
\ncline{->}{sn}{x1}     \ncline{->}{sn}{x2}     \ncline{->}{sn}{xn}
\ncline{->}{x1}{y1}     \ncline{->}{x1}{y2}     \ncline{->}{x1}{yn}
\ncline{->}{x2}{y1}     \ncline{->}{x2}{y2}     \ncline{->}{x2}{yn}
\ncline{->}{xn}{y1}     \ncline{->}{xn}{y2}     \ncline{->}{xn}{yn}
\ncline[linestyle=dotted]{s2}{sn}
\ncline[linestyle=dotted]{x2}{xn}
\ncline[linestyle=dotted]{y2}{yn}
\end{psmatrix}
\psbrace[ref=cb,rot=90,nodesepB=12pt](SN)(XN){\tabular{c}signal missing\\$x(t)=As(t)$\endtabular}
\psbrace[ref=cb,rot=90,nodesepB=12pt](XN)(YN){\tabular{c}signal separation\\$y(t)=Wx(t)$\endtabula
```

```
\vspace{1.3cm}
\caption{ Figure test}
\end{figure}
```